Press Release

Hocoma awarded a grant to develop therapeutic robotic glove

Volketswil near Zurich, Switzerland, May 6, 2014 – Together with the Swedish company Bioservo and the largest Dutch independent research institute on technology applications in healthcare, Roessingh Research and Development, Hocoma has been awarded a grant for the *HandinMind* project (EUROSTARS project E!8227) that is working on the development of a robotic glove as an integrated, innovative solution for hand rehabilitation after stroke.

The *HandinMind* project gathers competencies in advanced robotics, modern communication technology and the latest research on rehabilitation to develop a unique robotic glove that can add extra strength to the grip of persons with reduced hand function and facilitate active execution of hand movements. The new innovation focuses on the healthcare and rehabilitation market, in particular, the treatment of post-stroke patients. The robotic glove targets the following aspects:

- Enhanced gripping and grasping support to address hand weakness.
- Assisted hand opening.
- "Intention detection" logic that activates the support only if the user initiates the movement.
- Interface with external system that allows the user to perform adaptive therapeutic exercises and assessment routines.

The *HandinMind* project is funded by the European programme Eurostars, the Swedish Innovation Agency Vinnova, and the Swiss State Secretariat for Education, Research and Innovation SERI.

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Hocoma
Hocoma was set up in 2000, as a spin-off of the Swiss University Hospital Balgrist. The company currently employs more than 150 people at its headquarters near Zurich, Switzerland and at its subsidiaries in the US, Singapore and Slovenia. Hocoma develops and produces therapy solutions for neurological patients with movement disorders caused by stroke, spinal cord injury, traumatic brain injury, multiple sclerosis, cerebral palsy or other neurological diseases and injuries as well as for low back pain patients. The product range features devices for intensive locomotion therapy (Lokomat®), functional therapy of the upper extremities (Armeo®), early rehabilitation and patient mobilization (Erigo®) as well as functional movement therapy within low back pain treatment (Valedo®). Hocoma's products are applied successfully in clinics and research institutes worldwide. This medical technology company has received many awards and was honored with the "Red Herring 100 Global Award" in January 2010, as one of the hundred most innovative companies worldwide. Hocoma generated a turnover of more than 30 million CHF in 2012. Dr. Gery Colombo is the CEO of Hocoma AG.

Product Disclaimer
All Hocoma products are medical devices and must be used in strict adherence to the User Manual; failure to do so may result in serious personal injury. It is strongly recommended that you regularly consult Hocoma's website (www.hocoma.com/legalnotes) for the latest available information. Please contact Hocoma in case of any questions.

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